

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/008711

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08F4/64 C07F9/535 C07F9/00 C07F7/00 C07F7/28
C07F7/30 C07F19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08F C07F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, COMPENDEX, CHEM ABS Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/070569 A (STICHTING DUTCH POLYMER INST (NL)) 12 September 2002 (2002-09-12) cited in the application page 8, line 33 - page 9, line 12 page 10, line 1 - line 23 page 14, line 1 - line 11	1-16
A	US 6 114 481 A (GAO XIAOLIANG ET AL) 5 September 2000 (2000-09-05) cited in the application column 8, line 1 - column 9, line 30	1-16
A	CA 2 243 726 A (NOVA CHEMICALS LTD) 21 January 2000 (2000-01-21) * pages 18 & 19; syntheses 2, 3 & 4 * -/-	1-16

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

16 November 2004

Date of mailing of the international search report

24/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Elliott, A

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/008711

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CA 2 243 775 A (NOVA CHEMICALS LTD) 21 January 2000 (2000-01-21) * page 21; method 2 * -----	1-16
A	CA 2 261 518 A (NOVA CHEMICALS CORP) 12 August 2000 (2000-08-12) cited in the application page 3, line 30 - line 36 -----	1-16
A	CA 2 243 783 A (NOVA CHEMICALS LTD) 21 January 2000 (2000-01-21) the whole document -----	1-16
A	CA 2 210 131 A (NOVA CHEMICALS LTD) 9 January 1999 (1999-01-09) the whole document -----	1-16
A	SARFIELD MARK J ET AL: "The reactivity of trimethylsilyliminophosphines towards titanium and zirconium halides" JOURNAL OF THE CHEMICAL SOCIETY, DALTON TRANSACTIONS, no. 6, 21 March 2001 (2001-03-21), pages 822-827, XP002262843 ISSN: 1472-7773 the whole document -----	1-16

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/008711

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02070569	A	12-09-2002	AT 277092 T CA 2439892 A1 DE 60201340 D1 EP 1373332 A1 JP 2004527608 T WO 02070569 A1 US 2004192541 A1	15-10-2004 12-09-2002 28-10-2004 02-01-2004 09-09-2004 12-09-2002 30-09-2004
US 6114481	A	05-09-2000	CA 2215444 A1 AT 229042 T AU 8970098 A WO 9914250 A1 CN 1270601 T DE 69809957 D1 DE 69809957 T2 DK 1021470 T3 EP 1021470 A1 ES 2188000 T3 JP 2001516776 T US 6420300 B1	15-03-1999 15-12-2002 05-04-1999 25-03-1999 18-10-2000 16-01-2003 04-09-2003 17-03-2003 26-07-2000 16-06-2003 02-10-2001 16-07-2002
CA 2243726	A	21-01-2000	CA 2243726 A1 AT 228141 T AU 4126399 A BR 9912316 A WO 0005236 A1 CN 1319103 T DE 69904061 D1 DE 69904061 T2 EP 1112276 A1 ES 2187161 T3 JP 2002521500 T US 6355744 B1	21-01-2000 15-12-2002 14-02-2000 08-05-2001 03-02-2000 24-10-2001 02-01-2003 17-07-2003 04-07-2001 16-05-2003 16-07-2002 12-03-2002
CA 2243775	A	21-01-2000	CA 2243775 A1 AT 236182 T AU 4126299 A BR 9912277 A WO 0005237 A1 CN 1319104 T DE 69906552 D1 DE 69906552 T2 EP 1112278 A1 ES 2196809 T3 JP 2002521501 T US 6147172 A	21-01-2000 15-04-2003 14-02-2000 17-04-2001 03-02-2000 24-10-2001 08-05-2003 15-01-2004 04-07-2001 16-12-2003 16-07-2002 14-11-2000
CA 2261518	A	12-08-2000	CA 2261518 A1	12-08-2000
CA 2243783	A	21-01-2000	CA 2243783 A1 AT 227730 T AU 4595199 A BR 9912239 A WO 0005238 A1 CN 1321161 T DE 69903950 D1 DE 69903950 T2 EP 1098899 A1	21-01-2000 15-11-2002 14-02-2000 10-04-2001 03-02-2000 07-11-2001 19-12-2002 17-07-2003 16-05-2001

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/008711

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
CA 2243783	A	ES 2187167 T3 JP 2002521502 T US 6239238 B1 US 2001007895 A1	16-05-2003 16-07-2002 29-05-2001 12-07-2001
CA 2210131	A 09-01-1999	CA 2210131 A1 AT 235518 T AU 740558 B2 AU 7192098 A BR 9802353 A DE 69812485 D1 DE 69812485 T2 EP 0890581 A1 ES 2196493 T3 FI 981404 A JP 11071420 A NO 983151 A RU 2203908 C2 US 5965677 A	09-01-1999 15-04-2003 08-11-2001 21-01-1999 14-12-1999 30-04-2003 04-03-2004 13-01-1999 16-12-2003 10-01-1999 16-03-1999 11-01-1999 10-05-2003 12-10-1999